

BESTip ATA Combo Quick Start Manual (Ver.1.53G)

Requirements:

Before making any Internet call from your BESTip ATA Combo, you need the following items:

1. An Touch-tone phone set.
2. An 110/220V AC electrical outlet.
3. An dial-up Internet account – ISP phone number, user login ID and password.
4. An analog phone line

Connection:

Please refer to the diagram below for the typical connection.



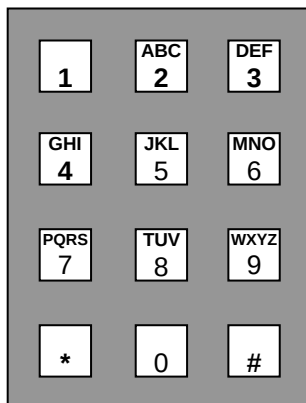
Buttons & Phone Keypad

Before making phone call, you must configure and connect ATA Combo properly.

Please enter your Internet information with your touch-tone telephone keypad and BESTip's buttons.

Refer to the Typical Phone Keypad and Character Set below to enter characters.

Typical Phone Keypad and Character Set



KEY PAD	Character Set
1	1 - !#\$%&_+ ' "<>?\'/
2	2 abcABC
3	3 defDEF
4	4 ghiGHI
5	5 jklJKL
6	6 mnoMNO
7	7 pqrsPQRS
8	8 tuvTUV
9	9 wxyzWXYZ
0	0 .@ "space"
*	*
#	#

How to enter or change setting

Use the buttons in the front panel for menu function navigation. Go to the option you want to setup. Then follow steps described below to enter or change the setting,

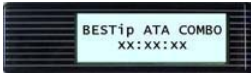
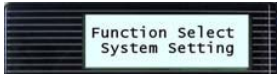
1. Press one time, the title will start flashing. You may enter new setting from phone keypad now.
2. Press button again. The title will stop flashing. The new value has been store in memory temporarily. You may go to the next setting.
3. After all the settings has been setup, please press one or two times until the screen displays "Update Setup". All the setting will be saved permanently.

Note: It is a good practice to restart the device if any setting had been changed.



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Switch between Broadband and Dial-Up mode

- 1 Press **▼ DOWN** button at standby state to enter setup mode.

- 2 Press **▶ NEXT** button until you see **System Setting** option. Press **▼ DOWN** to enter **System Setting** menu.


The first option is "Network Port", it is setup to "Ethernet" for broadband by default. It can be changed to "modem" for dial-up connection.

- 3 If the mode display in the screen is already the mode you want, then press **▼ DOWN** and go to next page for following setup. Otherwise press **● OK** button to modify it.

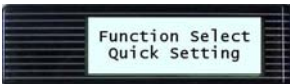
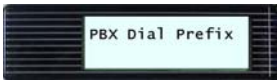
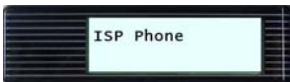
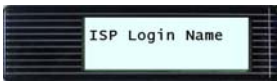
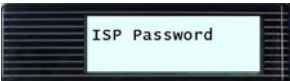
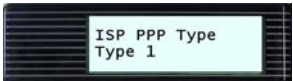
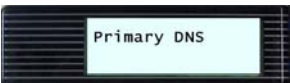
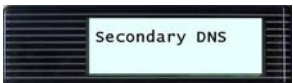
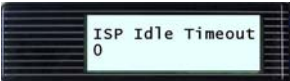
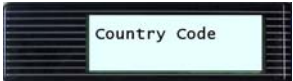
- 4 Press **▶ NEXT** or **◀ BACK** button to switch network port selection between "Ethernet" and "modem"

(for broadband) ↔ 
(for dial-up)

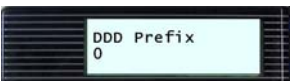
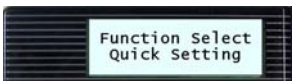
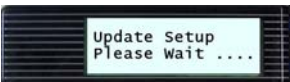
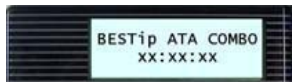
- 5 When decision made, Press **● OK** button. Then, press **▲ UP** two times to save the new setting. Then please restart the device by unplug power jack at rear panel and plug it again. After the device boot up, please do follow up setting by referring to procedures at next pages.

Note: It is a good practice to restart the device if any setting had been changed.

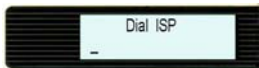
Dial-up Mode - Setup Quick Configuration

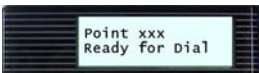
- 1 Press **▼ DOWN** button to enter **Quick Setting**.

- 2 Press **▼ DOWN** button to enter **PBX Dial Prefix**. Enter The # to access trunk if the device is connect with PBX.

- 3 Press **▼ DOWN** button to enter **ISP Phone**. Enter ISP phone number.

- 4 Press **▼ DOWN** button to enter **ISP Login Name**. Enter ISP Login Name.

- 5 Press **▼ DOWN** button to enter **ISP Password**. Enter ISP Password.

- 6 Press **▼ DOWN** button to enter **ISP PPP Type**. Choose ISP PPP Type by using **▶ NEXT** or **◀ BACK**. Use "Type 1" normally.

- 7 Press **▼ DOWN** button to enter **Primary DNS**. Enter DNS IP address. You may leave it blank.

- 8 Press **▼ DOWN** button to enter **Secondary DNS**. Enter DNS IP address. You may leave it blank.

- 9 Press **▼ DOWN** button to enter **ISP Idle Timeout**. Choose ISP Idle Timeout by using **▶ NEXT** or **◀ BACK**. "0" is no idle timeout.

- 10 Press **▼ DOWN** button to enter **Country Code**. Enter telephone country code, "886" for example.

- 11 Press **▼ DOWN** button to enter **Area Code**. Enter telephone area code, "2" for example.

- 12 Press **▼ DOWN** button to enter **IDD Prefix**. Enter IDD prefix code when dial international call, "00" for example.

- 13 Press **▼ DOWN** button to enter **DDD Prefix**. Enter DDD prefix code when dial domestic and local call, "0" for example.

- 14 Press **▼ DOWN** button to back to the beginning of **Quick Setting**.

- 15 Press **▲ UP** button to save configuration data in memory.

- 16 It will display the standby screen again after the configuration data has been saved.


Start Making VoIP Call

- 1 By pressing **▲ UP** button, the device will automatically dial ISP.

- 2 The device is connecting to Internet and ready to use in standby state. The blue **ON LINE** led will be on. You can pick up phone and dial Internet phone call now.

- 3 The LCD will show balance left in your account. You can also start making international phone call now.


Remark:

Each BESTip device is equipped with one unique device ID number, please find this number at bottom side of the device. Please dial the device ID number at the other side from your device to enjoy free Internet phone call. Each BESTip device is eligible to call international phone number if it has ITSP credit.

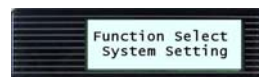


Dial-up Mode - System Setting

- 1 Press  button at standby state to enter **setup mode**.



- 2 Press  button until you see **System Setting** option. Press  to enter **System Setting** menu.



- 3 Press  button to enter **Country Code**. Enter telephone country code, "886" for example.



- 4 Press  button to enter **Area Code**. Enter telephone area code, "2" for example.



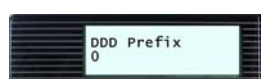
- 5 Press  button to enter **IDD Prefix**. Enter IDD prefix code when dialing international call, "00" for example.



- 6 Press  to enter **2nd IDD Prefix**. Leave it blank unless you are in USA.



- 7 Press  button to enter **DDD Prefix**. Enter DDD prefix code when dial domestic and local call, "0" for example.



- 8 Press  button to enter **Play Volume**. It is used for adjusting sound loudness from phone set ear piece. The range is $\pm 30\text{dB}$



- 9 Press  button to enter **Record Volume**. It is used for adjusting sound loudness from phone set microphone. The range is $\pm 30\text{dB}$



- 10 Press  to see **Gatekeeper Type** the device registered.



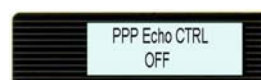
- 11 Press  button to enter **Modem Commands**.



- 12 Press  button to enter **Modem Country**. "Taiwan" for example



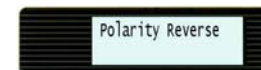
- 13 Press  button to enter **PPP Echo CTRL**.



- 14 Press  button to enter **Show CDR**.



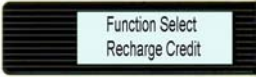
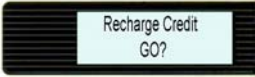
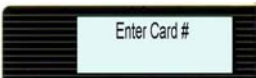
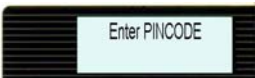
- 15 Press  button to enter **Polarity Reverse**.



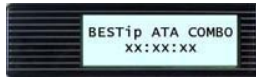
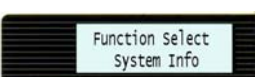
- 16 Press  button to enter **LCD Contrast**. The range is from +5~10.



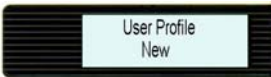
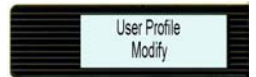
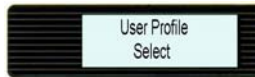
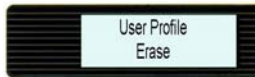
Recharge Credit

- 1 Press **▼ DOWN** then **► NEXT** button at standby state to enter **Recharge Credit** menu. 
- 2 Press **▼ DOWN** to start recharging credits for device. 
- 3 The device will connect to Internet automatically. Then **Enter Card #** will show. Press **● OK** one time, the title will start flashing and enter the card #. Press **● OK** button again. The title will stop flashing and save the card #. 
- 4 Press **● OK** one time, the title will start flashing and enter the Pincode #. Press **● OK** button again. The title will stop flashing. The new value will be stored temporarily. 
- 5 Press **▼ DOWN** button to confirm. **Start Recharge** will shows. The process will take a few minutes. 
- 6 When recharge finished, the total amount will be shown on the display. 

System Information

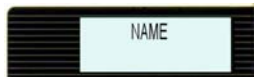
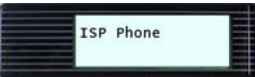
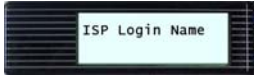
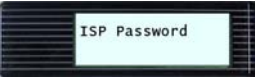
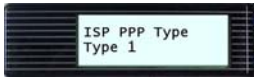
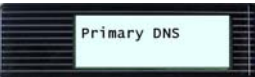
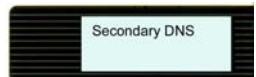
- 1 Press **▼ DOWN** button at standby state to enter **setup mode**. 
- 2 Press **► NEXT** until you see **System Info** option. Press **▼ DOWN** to enter **System Info** menu. 
- 3 Press **▼ DOWN** to see **Device ID#** or you can see it on the back side of device. 
- 4 Press **▼ DOWN** to see **Software Version** of the device. 

User Profile

- 1 Press **▼ DOWN** then **► NEXT** button at standby state to enter **User Profile** menu 
- 2    

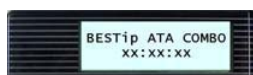
There are 4 options under **User Profile** menu:

1. New – To create a new user's profile
2. Modify – To make change of existing user's profile
3. Select – To see the existing user's profile
4. Erase – To erase user's profile

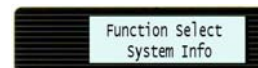
- 3 Press **▼ DOWN** button to enter new **User Name**. 
- 4 Press **▼ DOWN** button to enter **ISP Phone**. Enter ISP phone number. 
- 5 Press **▼ DOWN** button to enter **ISP Login Name**. Enter ISP Login Name. 
- 6 Press **▼ DOWN** button to enter **ISP Password**. Enter ISP Password. 
- 7 Press **▼ DOWN** button to enter **ISP PPP Type**. Choose ISP PPP Type by using **► NEXT** or **◀ BACK**. Use "Type 1" normally. 
- 8 Press **▼ DOWN** button to enter **Primary DNS**. Enter DNS IP address. You may leave it blank. 
- 9 Press **▼ DOWN** button to enter **Secondary DNS**. Enter DNS IP address. You may leave it blank. 

Broadband Mode - System Information

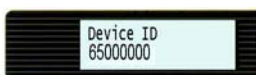
- 1 Press ▼ DOWN button at standby state to enter **setup mode**.



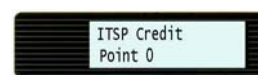
- 2 Press ► NEXT button until you see **System Info** option. Press ▼ DOWN to enter **System Info** menu.



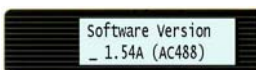
- 3 Press ▼ DOWN to see **Device ID#** or you can see it on the back side of device.



- 4 Press ▼ DOWN to see **ITSP Credit** in the device



- 5 Press ▼ DOWN to see **Software Version** of the device.



- 6 Press ▼ DOWN to see **LAN MAC Address** of the device.



- 7 Press ▼ DOWN to see **IP Address**.



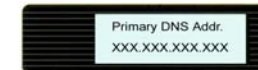
- 8 Press ▼ DOWN to see **Netmask IP Address**.



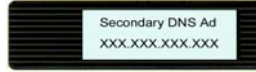
- 9 Press ▼ DOWN to see **Router IP Address**.



- 10 Press ▼ DOWN to see **Primary DNS**.



- 11 Press ▼ DOWN to see **Secondary DNS**.

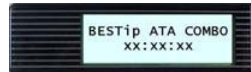


- 12 Press ▼ DOWN to see **Gatekeeper Type** the device registered.

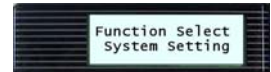


Broadband Mode - Setup Quick Configuration

- 1 Press **▼ DOWN** button at standby state to enter **setup mode**.



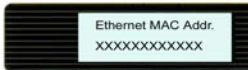
- 2 Press **▶ NEXT** button until you see **System Setting** option. Press **▼ DOWN** to enter **System Setting** menu.



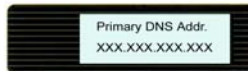
- 3 Subject to your broadband environment there are three options up to your choice in **IP Policy: Static IP, DHCP, and ADSL PPPoE**. Please make sure the one you choose meet your requirement. Press **▶ NEXT** or **◀ BACK** to navigate between these three options, Press **▼ DOWN** to make your choice.



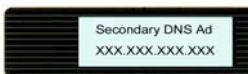
▼ DOWN



▼ DOWN



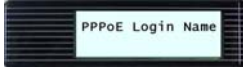
▼ DOWN



Skip to option
"Station ID"



▼ DOWN



▼ DOWN



▼ DOWN



Normally set to 1

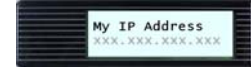


Skip to option
"Station ID"

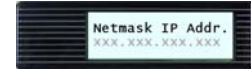
Idle time to shut down Internet connection. "0" means always online.



▼ DOWN



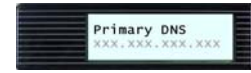
▼ DOWN



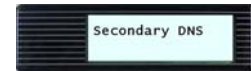
▼ DOWN



▼ DOWN



▼ DOWN



Enter 2nd DNS IP address or Leave it blank

Skip to option
"Station ID"

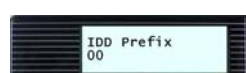
- 4 Enter **Station ID**. Normally set to 1



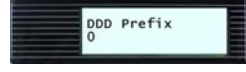
- 6 Press **▼ DOWN** to enter **Country Code**. Enter your telephone country code



- 8 Press **▼ DOWN** to enter **IDD Prefix**. It is used for dialing international call. "00" in most cases



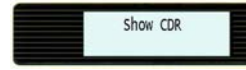
- 10 Press **▼ DOWN** button to enter **DDD Prefix**. It is used for dialing domestic and local call. "0" in most cases



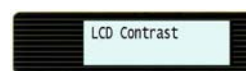
- 12 Press **▼ DOWN** button to enter **Play Volume**. It is used for adjusting sound loudness from phone set ear piece. The range is $\pm 30\text{dB}$



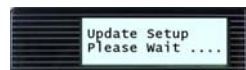
- 14 Press **▼ DOWN** button to enter **Show CDR**.



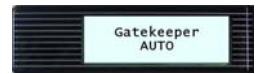
- 16 Press **▼ DOWN** button to enter **LCD Contrast**. The range is from +5~-10.



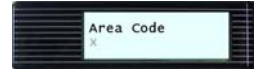
- 18 Press **▲ UP** button to save configuration data in memory



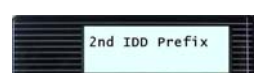
- 5 Press **▼ DOWN** to enter **Gatekeeper**. **AUTO** is applicable most of the time.



- 7 Press **▼ DOWN** to enter **Area Code**. Enter local telephone domestic area code



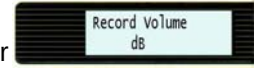
- 9 Press **▼ DOWN** to enter **2nd IDD Prefix**. Leave it blank unless you are in USA.



- 11 Press **▼ DOWN** button to enter **Direct City Call**. Normally set to "OFF".



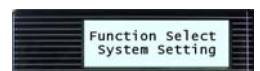
- 13 Press **▼ DOWN** button to enter **Record Volume**. It is used for adjusting sound loudness from phone set microphone. The range is $\pm 30\text{dB}$



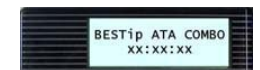
- 15 Press **▼ DOWN** button to enter **Polarity Reverse**.



- 17 You may skip the rest of options. Press **▲ UP** to return to top of **System Setting** menu.



- 19 It will return to standby state again after updated. Please restart the device to make setup changes effective.



Factory Setting

- 

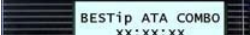
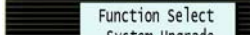
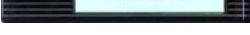
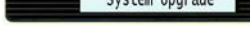
Press  **DOWN** button at standby state to enter **setup mode**.
 - 

Press  **NEXT** button until you see **Factory Setting** option. Press  **DOWN** to enter **Clear System Setup** menu.
 - 

Press  **OK** to enable **Clear System Setup**.
 - 

Press  **OK** to confirm again.

System Upgrade

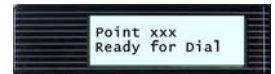
- 1 Press **▼ DOWN** button at standby state to enter **setup mode**.
 - 2 Press **▶ NEXT** button until you see **System upgrade** option. Press **▼ DOWN** to enter **System Upgrade** menu.
 - 3 Press **▼ DOWN** button to enter **Software upgrade** option.
 - 4 Press **▼ DOWN** button and then **● OK** button to Upgrade Software.
 - 5 The device will download and upgrade software automatically.
 - 6 After software upgrading finished, the device will restart automatically.

Start Making VoIP Call

The device is ready to use in standby state when the blue **ON LINE** led on. You can pick up phone and dial Internet phone call now.



You may check up your credit by pressing **▲ UP** at standby state. It will show balance left in your account. You can make phone call in this state, too.



Remark:

Each BESTip device is equipped with one unique device ID number, please find this number at bottom side of the device. Please dial the device ID number at the other side from your device to enjoy free Internet phone call. Each BESTip device is eligible to call international phone number if it has ITSP credit.